

Attorney Docket No. B0048-US02

Claim Amendments

Please amend the claims to read as follows (note: these are the marked-up versions):

1. (Currently Amended) A method of separating cells in a centrifuge comprising:
providing a cell suspension in a processing bag;
separating the cell suspension in the processing bag into fractions by centrifugation in a centrifuge, at least one such a fraction being enriched with specific cells ~~by centrifugation in a centrifuge~~;
transferring one of said ~~the enriched~~ fractions to a storage bag via an outlet tube;
adapting said outlet tube in a position having a radially inwardly directed flow and having a centrifuge valve associated therewith;
whereby said processing bag, said storage bag, said outlet tube and said centrifuge valve are all disposed in the rotating part of the centrifuge during centrifugation; and
whereby said step of transferring said ~~enriched~~ fraction through said outlet tube occurs upon activation of said centrifuge valve into open position during centrifugation.
2. (Previously Cancelled)
3. (Original) A method according to Claim 1 in which said cell suspension includes a buffy coat and said enriched fraction is a light-weight fraction enriched with platelets.
4. (Currently Amended) A method according to Claim 1 in which the transferring of said ~~enriched~~ fraction via said outlet tube includes diverting said radial flow into a peripheral flow via a cell trap having an enlarged section for maintaining specific cells.

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5. (Currently Amended) A method according to Claim 1 in which the transferring of said ~~enriched~~ fraction through said outlet tube includes transferring through at least one enlargement formed in said outlet tube for separation of more dense cells.

6. (Currently Amended) A method according to Claim 1 in which the transferring of said ~~enriched~~ fraction via said outlet tube includes flowing through said valve and through a radially positioned portion of said outlet tube having a radially outwardly directed flow.

7. (Original) A method according to Claim 1 in which said cells are platelets or stem cells.

8. (Original) A method according to Claim 1 in which said cells are red blood cells.

9. (Original) A method according to Claim 1 in which said valve is a manually activatable clamp.

10. (Original) A method according to Claim 1 in which said valve is a magnetically activatable valve.

11. (Original) A method according to Claim 1 in which said valve is an electromagnetically activatable valve.

12-20 (Previously Cancelled).

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